



# Environmental Fact Sheet

## WASTES GENERATED DURING THE MANUFACTURE OF CHLORINATED TOLUENES LISTED AS HAZARDOUS

### BACKGROUND

The Hazardous and Solid Waste Amendments (HSWA) of 1984 mandated the Environmental Protection Agency (EPA) to determine whether or not wastes generated during the manufacture of chlorinated aromatics should be listed as hazardous. With the promulgation of this rule, the requirement mandated by HSWA for the chlorinated aromatic industry is completed.

### ACTION

This rulemaking lists as hazardous three waste streams generated from the production of chlorinated toluenes. The wastes contain hazardous constituents which are chronic systemic toxicants and/or carcinogenic and mutagenic. They also are typically present in high concentrations, and are mobile and persistent. This proposal sets the reportable quantity (RQ) at 10 pounds, and adds the following wastes to the hazardous substances list under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA).

- K149** Distillation or fractionation bottoms from the production of alpha- (or methyl-) chlorinated toluenes, ring-chlorinated toluenes, benzyl chlorides, and compounds with mixtures of these functional groups. (Still bottoms from the distillation of benzyl chloride are not included.)
- K150** Organic residuals from the spent chlorine gas and hydrochloric acid recovery processes associated with the production of alpha (or methyl-) chlorinated toluenes, ring-chlorinated toluenes, benzyl chlorides, and compounds with mixtures of these functional groups. (Spent carbon adsorbent is not included.)



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